

Amendments to the Abstract:

Please amend the Abstract of the Disclosure as submitted herewith on a separate unnumbered page.

ABSTRACT OF THE DISCLOSURE

~~The invention relates to~~ In a method and apparatus for automatic address allocation ~~[[by]]~~ among control appliances ~~(3-6)~~ devices connected to a bus system ~~[[(1)]]~~ in a vehicle, and address allocation period ~~means of transport,~~ where the control appliances ~~(3-6)~~ interchange data using transmission/reception units ~~(10)~~ via a common data bus line ~~(2), and the control appliances (3-6)~~ simultaneously access the data sent using the common data bus line ~~(2)~~. The invention also relates to a bus system (1) for carrying out the method. The object of the present invention is to provide a method and a bus system which optimizes the automatic address allocation in a bus system with a common data line. To this end, a period of address allocation is started by means of sending a message on the common data bus line, ~~(2)~~. After that, the message is taken as a basis, in the period of During the address allocation period, for electrically breaking the common data bus line ~~[[(2)]]~~ is broken into individual subsections by virtue of respective isolating means in each of the control appliances, ~~(4-6)~~ which are to be addressed using a respective isolating means ~~(9)~~ for the purpose of electrically breaking the common data bus line ~~(2)~~. In addition, the control appliances ~~(4-6)~~ devices which are to be addressed place their respective transmission unit ~~[[(10)]]~~ at a transmission potential.